

Title (en)
ELECTROMAGNETIC SHIELD STRUCTURE AND WIRE HARNESS

Title (de)
STRUKTUR ZUR ELEKTROMAGNETISCHEN ABSCHIRMUNG UND KABELBAUM

Title (fr)
STRUCTURE DE BLINDAGE ÉLECTROMAGNÉTIQUE ET FAISCEAU ÉLECTRIQUE

Publication
EP 3518642 A1 20190731 (EN)

Application
EP 17853227 A 20170926

Priority

- JP 2016187052 A 20160926
- JP 2016187057 A 20160926
- JP 2017034686 W 20170926

Abstract (en)

A braided wire 11a (a sheet-like portion 15a) and a braided wire 11b (the sheet-like portion 15b) that are two cylindrical flexible shield members are fixed with a crimp member 13 at different positions in the circumferential direction on a cross section perpendicular to the longitudinal direction of the electromagnetic shield pipe 3. Thus, the cylindrical end portions of the braided wires 11a and 11b are loosened, and each of sheet-like portions 15a and 15b is formed on the end portion, and the sheet-like portions 15a and 15b of the end portions of the braided wires 11a and 11b are disposed at different positions in the circumferential direction of the electromagnetic shield pipe 3 and fixed with the crimp member 13 on a metal layer 7 of the electromagnetic shield pipe 3. That is, the braided wires 11a and 11b are fixed in a section crimped by the crimp member 13 without being overlapped with each other in the circumferential direction of the electromagnetic shield pipe 3.

IPC 8 full level
H05K 9/00 (2006.01); **H02G 3/04** (2006.01)

CPC (source: EP US)
H01B 7/0045 (2013.01 - US); **H02G 3/0481** (2013.01 - EP US); **H02G 15/105** (2013.01 - EP US); **H05K 9/0098** (2013.01 - EP US); **B60R 16/0215** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3518642 A1 20190731; **EP 3518642 A4 20200527**; **EP 3518642 B1 20220727**; CN 109792856 A 20190521; CN 109792856 B 20201023; EP 4064812 A1 20220928; JP 6979957 B2 20211215; JP WO2018056460 A1 20190711; US 10660248 B2 20200519; US 11006556 B2 20210511; US 11324150 B2 20220503; US 2019223333 A1 20190718; US 2020229329 A1 20200716; US 2021235604 A1 20210729; WO 2018056460 A1 20180329

DOCDB simple family (application)
EP 17853227 A 20170926; CN 201780058877 A 20170926; EP 22174572 A 20170926; JP 2017034686 W 20170926; JP 2018540348 A 20170926; US 201916363466 A 20190325; US 202016837460 A 20200401; US 202117228828 A 20210413